

Amendments to the Specification:

Please add the following new paragraph after the Title and before the first paragraph on page 1:

THIS APPLICATION IS A U.S. NATIONAL PHASE APPLICATION OF PCT INTERNATIONAL APPLICATION PCT/JP2004/001810.

Please replace the paragraph, beginning at page 27, line 11, with the following rewritten paragraph:

In router MR2 working as a router device, when mobility management processing section 23 determines that mobile network 1 moves, mobility management processing section 23 notifies L3 processing section 13 of the sequence number stored in sequence number 621 of binding update message 600. L3 processing section 13 generates router advertisement message 1010 including prefix information option 1030 and binding message sequence number option 1070 which stores the sequence number notified to binding message sequence number ~~1073~~1074. Router advertisement message 1010 is then forwarded to physical interface to mobile network 14, then transmitted to mobile network 1 by physical interface to mobile network 14.

Please replace the paragraph, beginning at page 40, line 3, with the following rewritten paragraph:

If router MR2 does not detect the movement of mobile network 1, router MR2 determines whether or not L3 processing section 13 receives a binding acknowledgement message about the binding update message transmitted immediately before (S53). This determination is then examined whether or not the determination is carried out based on the lapse of the lifetime of the binding update message transmitted immediately before (S54). In the case of router MR2 per se working as a master router (S181), router MR2 generates and transmits binding update message ~~600~~1900 when necessary (S182).

Please replace the paragraph, beginning at page 40, line 11, with the following rewritten paragraph:

After the transmission of binding update message ~~600~~1900, mobility management processing section 23 updates its retaining sequence number to the number stored in sequence number field ~~621~~1921 of binding update message ~~600~~1900 transmitted.

Please delete page 51 labeled as "List of Reference Marks in Drawings" in its entirety.